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Q&A

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Exam : JN0-423

**Title : Automation and DevOps -
Specialist (JNCIS-DevOps)**

Version : DEMO

1. An automation engineer is designing a workflow to load candidate configuration onto Junos devices, run validation, and commit the changes only if validation succeeds. The workflow must use the normal Junos configuration database and commit process.

Which automation category best matches this design?

- A. JSD/JET-based service extension
- B. MGD-based automation
- C. TIG-based telemetry pipeline
- D. OpenConfig model definition

Answer: B

Explanation:

MGD-based automation is tied to Junos management functions, including candidate configuration handling, validation, and commit workflows. JSD/JET is more associated with extensibility and service-process-based automation.

2. A network operations team wants Junos devices to stream interface counter updates to a collector using OpenConfig paths. The data should continue flowing without the collector repeatedly sending one-time requests.

Which gNMI operation should be used?

- A. Get
- B. Set
- C. Poll
- D. Subscribe

Answer: D

Explanation:

gNMI Subscribe is used for streaming telemetry updates. Get retrieves current values once, and Set modifies configuration.

3. An Ansible playbook uses one Jinja2 template to generate Junos interface configuration for multiple sites. The template renders correct interface names, but one site receives the wrong VLAN IDs.

Where should the engineer check first?

- A. The site-specific `host_vars` or `group_vars`
- B. The Protocol Buffer service definition
- C. The Junos event policy
- D. The Grafana dashboard query

Answer: A

Explanation:

Jinja2 templates render output from variables. If the structure is correct but site-specific values are wrong, the likely issue is in `host_vars` or `group_vars`.

4. A company requires all Junos devices to include a specific syslog destination and accounting configuration. If either hierarchy is missing, the commit must be rejected before the configuration becomes active.

Which Junos automation mechanism should be used?

- A. Op script

- B. Event script
- C. Commit script
- D. SNMP script

Answer: C

Explanation:

Commit scripts run during commit processing and can inspect the candidate configuration. They can reject noncompliant commits before activation.

5.A YANG model represents multiple interfaces. Each interface entry must be uniquely identified by its interface name.

Which YANG construct is most appropriate?

- A. container with no key
- B. list with a key leaf
- C. typedef with string type
- D. notification with interface name

Answer: B

Explanation:

A YANG list represents multiple entries, and a key identifies each entry uniquely, such as by interface name.